# MAITE MONOCOMPOSANT

INSULATION ADHESIVE, BASE AND FINISHING COAT

FORMS PART OF THE APPLICATION FOR ALL PAREXTHERM INSULATION AND PAREXDIRECT RENDER SYSTEMS - AVAILABLE IN 48 STANDARD COLOURS




## DESCRIPTION

MAITE MONOCOMPOSANT is a multi-purpose coloured, breathable and weatherproof mortar in powder form ready to mix with water. It is intended to be used in the PAREXTHERM Mineral render system, PAREXTHERM and PAREXDIRECT Acrylic render systems. It is suitable for use as an adhesive for bonding the insulations to the substrate and for creating a base coat with mesh. It can also be used as the base coat with MARBRI dash aggregates to create decorative coloured finishes. With its granulometric curve, MAITE MONOCOMPOSANT has about 50% more polymer content than other leading brands, covers the mesh perfectly and the base coat can be built up whilst still wet.

## SUBSTRATES

### SUITABLE FOR

- Exterior insulation system PAREXTHERM Acrylic and PAREXTHERM Mineral Render Systems.
- PAREXDIRECT Acrylic render systems.
- Approved insulation systems of expanded polystyrene, mineral wool. phenolic, wood fibre and applications conforming to Technical Approvals.
- Insulated concrete formwork systems (ICF).
- Old exterior insulation systems with thin coatings in need of renovation.
- Lafarge GTEC Aqua Board - BBA Approved system.
- PAREX approved render boards*.
- Cast in-situ concrete - prepare with MICRO GOBETIS 2000.
- Lightweight blockwork - prepare with MICRO GOBETIS 2000.
- Concrete blockwork.
- Durisol interlocking modular blocks.
- Brickwork and stonework may require the use of MICRO GOBETIS 2000 or 751 LANKOLATEX
- For bonding the Parex PROFILES to masonry or render substrates.
- As a base coat for the coating of phenolic, XPS and EPS foam shapes.

*PLEASE NOTE. Due to potential mould growth issues and possible associated health concerns Parex do not recommend the use of cement particle boards, or boards that have wood particles or boards containing any form of wood fibre. These types of board are generally prone to dimensional instability making them unsuitable for render applications. Consult PAREX for a range of suitable render boards.

## TECHNICAL CHARACTERISTICS

Coloured or white cement based powder of micronised vinyl copolymer, calcareous and siliceous sands, mineral pigments and specific admixtures.

- MVA: 1.40 ± 0.
- Maximum granulometry of fillers:1.5 mm.
- Combustibility at 450°C: 94 ± 0.5%.
- Combustibility at 900°C: 92 ± 0.5%.

## SUPPORTING PRODUCTS

- 355 AVU reinforcement mesh - pg 115.
- 358.10 AVR Heavy duty reinforcement mesh - pg 115.
- MICRO GOBETIS 2000 - Primer/sealer coat - pg 132.
- 751 LANKOLATEX - Primer/suction control/sealer/bonding coat - pg 114.
- 365 WATER MASTER FLASHING MEMBRANE - pg 80.
- 495 KEYGUARD - joint sealer - pg 108.
- 395 KEYCOAT - membrane - pg 106.

## INSTRUCTIONS

The applications must conform with the specifications and instructions for the PAREXTHERM and PAREXDIRECT render systems and as detailed in the European Technical Approvals, the BBA and IAB certifications.

### EQUIPMENT REQUIRED

- Electric paddle mixer on slow speed.
- Stainless steel smoothing trowel stainless steel spatula.
- Stainless steel notched plastering trowel (trapezoid notches of 7.2 mm).
- Spray render machine for applying the decorative Textured or Smooth Textured finish.

Clean tools in water after use.

### PRODUCT PREPARATION

- Mixing: about 5.1 litres per 30 kg bag with an electric paddle mixer on slow speed.
- Rest time: 5 minutes before use.

PAREX

- **Used as the adhesive and basecoat for PAREX feature profiles**
- **Easy to finish**
- **Easy to apply**
- **Flexible**

If you would like a Pre-Render Inspection form go to our website www.parex.co.uk

## APPLICATION

**MAITE MONOCOMPOSANT has the following uses:**

- As an adhesive for bonding the insulation either with dabs or as a full adhesive notched layer.
- Creating a reinforced basecoat for the DPR, 610 CERASTONE®, 632 SPRAYSTONE™ and Masonry Simulation Systems.
- Creating a reinforced, coloured basecoat for the MARBRI dry or wet dash render systems.

**As an adhesive for insulation systems PAREXTHERM Mineral and PAREXTHERM Acrylic:**

- **Notched** - Apply a minimum 3 mm layer onto the back of the insulation board and using an 8mm notched plastering trowel create vertical strips in the adhesive. Press the insulation board onto the substrate ensuring the notched effect runs vertically as this creates a natural drainage channel system. Ensure a good bond is achieved.
- **Dabs** – Apply a minimum of 5 large and even thickness dabs to the back of each insulation board to provide at least 50% coverage, then apply the board to the substrate. Ensure a good bond is achieved.

**Basecoat with mesh - for PAREXTHERM Mineral, PAREXTHERM Acrylic and PAREXDIRECT render systems:**

- Apply a minimum of 2 layers embedding the mesh near to the face of the basecoat and in compliance with the specifications, taking into account exposure to the elements.
- Use the notched plastering trowel to ensure a regular thickness of 3 mm is created before the application of the mesh and that an even thickness is achieved after trowelling in the mesh to leave a smooth, regular, lined and level finish for DPR finishes, 630 CERASTONE®, 632 SPRAYSTONE™, ADVANCED MASONRY SIMULATION systems. For receiving the EHI/EHI GF applications leave a combed surface finish. Minimum thickness of base coat: PAREXTHERM systems: 3 - 4mm, PAREXDIRECT systems: 4 - 5mm.

**Textured/Smooth Textured finish**

- Apply a basecoat with mesh as detailed above.
- Spray MAITE MONOCOMPOSANT with the help of a spray render machine.
- The spraying is carried out in a 'tyrolean' style with a minimum of 2 coats to achieve the desired textured effect. The Smooth Texture effect is obtained by passing a stainless steel smoothing trowel over the surface of the slightly hardened Textured surface.

**MARBRI Dash Coat finishes**

- Apply a basecoat with mesh as detailed above.
- Spray or hand apply a minimum 4-5 mm coat of MAITE MONOCOMPOSANT. Level and line the surface.
- While the MAITE MONOCOMPOSANT is still wet, apply the required dash finish, ensuring a full covering is achieved. Lightly press the dash finish into the MAITE MONOCOMPOSANT using a steel trowel. For a wet dash effect mix the dash into the MAITE and apply as above.

**For use as an adhesive for the PAREX PROFILES decorative foam shapes:**

- Mix to a heavy paste - like consistency. Apply an approximate 6mm toothed trowel layer to the back of the foam shape and press into place on the pre-moistened suitable substrate. (Maite has sufficient adhesion to hold most shapes in place. Larger shapes may require additional support).
- Allow a minimum cure period of 24 hours BEFORE performing any additional work on the adhered shape. For full applications details consult the information detailed on PAREX PROFILES data sheet.

**Top Coat finishes:**

- All DPR finishes use 310 PRIMER when required.
- 630 CERASTONE® use 313 PRIMER.
- 632 SPRAYSTONE™ use 313 PRIMER.
- ADVANCED MASONRY SIMULATION systems use 310 PRIMER when required.
- EHI and EHI and EHI GF

### CONSUMPTION

- As an insulation adhesive - 2.6 kg/m² (8.5 -11.5m² per 30kg bag)
- For making the base coat with mesh - 4.5kg/m² (4.5 - 6.6m² per 30kg bag)
- For making a top coat finish - 2.6 kg/m² (8.5 -11.5m² per 30kg bag)

These values are given for guidance only and are subject to the substrate conditions.
PLEASE NOTE: on uneven substrates the consumption rate may significantly increase to gain a level and lined surface.

### PRECAUTIONS

- Product intended for use by professionals.
- Do not apply:
  - In ambient and substrate temperatures of less than 5ºC.
  - On substrates exposed to direct sun or strong winds.
  - On frozen substrates or in case of risk of frost.
  - On saturated substrates or during rain.

As a general rule, the use and application of MAITE MONOCOMPOSANT must comply with the specifications of the PAREXTHERM Mineral, PAREXTHERM Acrylic and PAREXDIRECT systems.


### PACKAGING

30 kg bag - 40 bags per pallet.
(2-ply paper 1-ply polyethylene).
Disposable wrapped pallet of 1200 kg.

### STORAGE

1 year from date of manufacture if stored in unopened original packing in dry, frost-free conditions.

### WARRANTY

Manufacturer's liability.

### REFERENCE DOCUMENTS

- European Technical Approval - 04/0124 & 04/0014 - NEW 2010 Approvals Pending.
  Technical Application Document ref AT 7/05-1388.
- European Technical Approval - 04/0124 - NEW 2010 Approvals Pending.
  Technical Application Document Ref DAT 7/04-1376. CSTB document 3035, 263-2, 3204.
- IAB certification 09/0332.
- IAB certification 09/0342.
- BBA certification 10/4725

### PRECAUTIONS

Read and follow the guidelines in the Health and Safety datasheet for this product.

### TECHNICAL ASSISTANCE

PAREX will, on request, provide information and assistance to companies in relation to the use of a specific product.

Such assistance shall not be associated with structural and design conception, nor assume or accept liability for compliance of substrates, nor compliance to instructions provided.

**Technical Information**

**01827 711755**

Download the technical datasheet and consult the health and safety document on our new site: **www.parex.co.uk**